

Form PTO-1449

Attorney Docket: ST8676US.C



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

INFORMATION DISCLOSURE CITATION

In re application of: Sergey A. Korenev et al.

Serial No: 10/667,988

Group No.: Not yet known

Filed: September 22, 2003

Examiner: Not yet known

For: METHOD AND APPARATUS FOR MEASURING THE
CONCENTRATION OF HYDROGEN PEROXIDE IN A FLUID

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

U.S. Patent Documents

Examiner Initials	Document Number	Date	Name	Class
ah	4,427,772	01/24/1984	Kodera et al.	435/27
	4,525,265	06/25/1985	Abe et al.	204/403
	4,674,879	06/23/1987	Gregorig et al.	356/301
	4,857,152	08/15/1989	Armstrong et al.	204/1 T
	5,157,968	10/27/1992	Zfira	73/149
	5,243,858	09/14/1993	Erskine et al.	73/204.26
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	6,369,387	04/09/2002	Eckles	250/343
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Other Prior Art (Inc. Author, Title, Date, Pertinent Pages, Etc.)

**Examiner
Initials**

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OH	U.S. Patent Application Serial No. 10/389,036, filed March 14, 2003, Centanni, entitled: METHOD AND APPARATUS FOR MEASURING CHEMICAL CONCENTRATION IN A FLUID.
	U.S. Patent Application Serial No. 10/405,880, filed April 2, 2003, Centanni, entitled: METHOD AND APPARATUS FOR MEASURING CONCENTRATION OF A CHEMICAL COMPONENT IN A GAS MIXTURE.
	U.S. Patent Application Serial No. 10/456,378, filed June 6, 2003, Centanni, entitled: METHOD AND APPARATUS FOR FORMULATING AND CONTROLLING CHEMICAL CONCENTRATIONS IN A SOLUTION.
	U.S. Patent Application Serial No. 10/456,380, filed June 6, 2003, Centanni, entitled: METHOD AND APPARATUS FOR FORMULATING AND CONTROLLING CHEMICAL CONCENTRATIONS IN A GAS MIXTURE.
	Philipp, "Charge Transfer Sensing," 1997.
	Wojslaw, "Everything You Wanted to Know About Digitally Programmable Potentiometers," Catalyst Semiconductor, Inc., 10/17/2001, Publication No. 6009.
	Kittel, "Introduction to Solid State Physics," Fourth Edition, John Wiley & Sons, Inc., 1971.
↓	Philipp, "The Charge Transfer Sensor," Sensors Magazine, 10/1999.
↓	T. J. Buckley et al., "Toroidal Cross Capacitor for Measuring the Dielectric Constant of Gases," Review of Scientific Instruments, Vol. 71, No. 7, July 2000, pp. 2914-2921.

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Gross et al., "The Dielectric Constants of Water Hydrogen Peroxide and Hydrogen Peroxide-Water Mixtures," L. Amer. Chem. Soc., Vol. 72, 1950, pp. 2075-2080.

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"Humidity Sensor Theory and Behavior," Psychometrics and Moisture, Honeywell HVAC, November 27, 2002.

Examiner:

Date Considered:

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<u>Examiner Initials</u>	<u>Document Number</u>	<u>Date</u>	<u>Name</u>	<u>Class</u>
<u>ah</u>	3,636,444	01/18/1972	Strawn et al.	324/61 R
<u>ah</u>	3,778,706	12/11/1973	Thompson	324/61 R
<u>ah</u>	4,219,776	08/26/1980	Arulanandan	324/323

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Examiner Initials	Document Number	Date	Name	Class
<u>ah</u>	5,470,754	11/28/1995	Rounbehler et al.	436/106
<u>ah</u>	6,614,242	09/02/2003	Matter et al.	324/698

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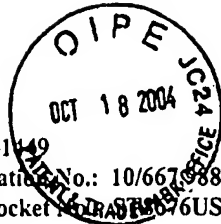
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OH

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U.S. Patent Application Serial No. 10/896,609, filed July 21, 2004, Kaiser et al., entitled: METHOD AND APPARATUS FOR REAL TIME MONITORING OF METALLIC CATION CONCENTRATIONS IN A SOLUTION.

U.S. Patent Application Serial No. 10/900,745, filed July 28, 2004, Kaiser et al., entitled: METHOD AND APPARATUS FOR MONITORING THE STATE OF A CHEMICAL SOLUTION FOR DECONTAMINATION OF CHEMICAL AND BIOLOGICAL WARFARE AGENTS.

U.S. Patent Application Serial No. 10/931,186, filed August 31, 2004, Kaiser et al., entitled: METHOD AND APPARATUS FOR MONITORING DETERGENT CONCENTRATION IN A DECONTAMINATION PROCESS.

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<u>ah</u>	US 2004/0029257 A1	02/12/2004	Dutil et al.	435/266
<u>ah</u>	US 2004/0079395 A1	04/29/2004	Kim et al.	134/30

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	US 2002/0033186 A1	03/21/2002	Verhaverbeke et al.	134/26
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	6,660,231	12/09/2003	Moseley	422/98
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↓	2002/0109511 A1	08/15/2002	Frank	324/663

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<u>ah</u>	5,151,660	09/29/1992	Powers et al.	324/689

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